

REMARKS

The indication that claims 18-35 are allowed and that claims 3, 6, 11 and 17 are objected to and would be allowable when written in independent form, is acknowledged.

By the present amendment, the features of objected to claims 3, 6, 11 and 17 have been incorporated into their respective parent independent claims 1, 4, 7 and 12, respectively, such that these independent claims represent the objected to claims written in independent form, and such claims should now be in condition for allowance. The previously objected to claims 3, 6, 11 and 17 have been canceled without prejudice or disclaimer of the subject matter thereof, since such features have been incorporated into the parent claims. As such, applicants submit that claims 1, 2, 4, 5, 7-10 and 12-16 should now be in condition for allowance.

By the present amendment, allowed claims 27-35 have been canceled without prejudice or disclaimer of the subject matter thereof and new claims 36-39 presented. Additionally, the title has been amended to be more clearly indicative of the claimed invention, and the abstract has been amended in accordance with the claimed features. It is noted, however, that the abstract should not be considered as limiting in relation to the claims which define the invention.

With regard to the indication that the drawings with this application were declared informal by the applicants, applicants are unaware of any such declaration, and submitted herewith are substitute sheets of drawings which are

considered to be formal drawings and should be considered acceptable at this time.

As to the rejection of claims 1-2, 4-6, 7-10 and 12-16 under 35 U.S.C. §103(a) as being unpatentable over Sawdon (US No. 5,276,458) in view of Nicols (US No. 4,991,023), this rejection is considered to be obviated, in that as pointed out above, the features of objected to claims 3, 6, 11 and 17 have been incorporated in the parent claims with the objected to claims being canceled, such that the independent parent claims represent the objected to claims written in independent form, and these claims should now be in condition for allowance.

Also, with respect to new claims 36-39, claims 36 and 38 are independent claims reciting features of the present invention of a display unit for displaying an image based on an image signal inputted from an externally connected computer, including a communication controller, a processor and a memory, wherein the communication controller enables bi-directional communication between the display and the computer. As recited in claims 36 and 38, the processor is adapted to control display of the display unit. Claim 36 recites the feature of a memory which stores an identification number and the communication controller which sends the identification number stored in the memory to the computer. Claim 38 recites the feature of a memory which stores identification information and a communication controller which sends the identification information stored in the memory to the computer in response to power on of at least one

of the display unit and the computer. Applicants submit that the recited features are not disclosed or taught in the cited art, as recognized by the Examiner in allowing other claims of this application, such that claims 36-39 should also be allowable at this time.

Applicants note that also submitted herewith are two Information Disclosure Statements for consideration by the Examiner. One of the Information Disclosure Statements presents a listing of documents as submitted in the parent application Serial No. 09/265,363, which documents have been considered by the same Examiner herein in such parent application. Accordingly, while a listing of such documents is provided, a copy thereof is not submitted. The second Information Disclosure Statement includes two listings of documents wherein the listings of documents and a copy of the document is submitted where the listing is not marked with an asterisk. That is, where marked with an asterisk, a copy of the document has been previously submitted in this application or the related applications in the form of a parent or grandparent application or the like. Applicants note that one of the listings represents a listing of documents as cited in connection with a copending related application which issued as U.S. Patent No. 5,457,473, assigned to the same assignee as this application and related cases thereof, it being noted that U.S. Patent No. 5,457,473 has been cited in an IDS previously submitted in this application. Hereagain, copies of the documents which are not designated by an asterisk in

such listing are submitted herewith, and it is requested that the Examiner consider the documents. Further, the second listing is a listing of U.S. Patent No. 4,589,063 with a copy of thereof, and consideration of this patent is also requested. Further, such listing further includes a copy of DE 40 25 295 which was cited in the corresponding German application together with a listing of the corresponding Japanese Laid Open Document JP-A 3-148697 and the corresponding U.S. Patent 5,257,350. It is noted that this Information Disclosure Statement also includes the appropriate fee to obtain consideration thereof. Accordingly, consideration of these documents are respectfully requested.

In view of the above amendments and remarks, applicants submit that all claims present in this application should now be in condition for allowance, and issuance of an action of a favorable nature is courteously solicited.

To the extent necessary, applicant's petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (520.32696CX4) and please credit any excess fees to such deposit account.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE TITLE OF THE INVENTION:

Please replace the title of the invention with the following new title:

--DISPLAY UNIT WITH CONTROLLER ENABLING BI-DIRECTIONAL COMMUNICATION WITH COMPUTER--.

IN THE SPECIFICATION:

Page 1, please amend the paragraph beginning at line 3 as follows:

CROSS REFERENCE TO RELATED APPLICATION

This is a continuation of U.S. application Serial No. 09/265,363, filed March 10, 1999, now U.S. Patent No. 6,247,090, issued June 12, 2001, which is a continuation of U.S. application Serial No. 08/833,346, filed April 4, 1997, now U.S. Patent No. 5,887,147, issued March 23, 1999, which is a continuation of U.S. application Serial No. 08/598,903, filed February 9, 1996, now U.S. Patent No. 5,652,845, issued July 29, 1997, which is a continuation of U.S. application Serial No. 08/190,848, filed February 3, 1994, now abandoned, the subject matter of which is incorporated by reference herein.

IN THE CLAIMS:

Please amend claim 1 as follows:

1. (amended) A display unit having a communication

control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

comparing means for comparing a first identification information which is previously stored in said display unit. and a second identification information which is previously stored in said computer and is sent from said computer; and[,]

a communication prohibition means for prohibiting communication between said computer with respect to display control of said display unit, when said first and second identification information do not match as a result of the comparison by said comparing means;

wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

Please cancel claim 3 without prejudice or disclaimer of the subject matter thereof.

Please amend claim 4 as follows:

4. (amended) A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

a reception prohibition means for prohibiting reception of a control command from said computer, for controlling at least one of a display size, a display position, a brightness, and a contrast of said display unit, when said first and second identification information do not match as a result of the comparison by said comparing means;

wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

Please cancel claim 6 without prejudice or disclaimer of the subject matter thereof.

Please amend claim 7 as follows:

7. (amended) A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

memory means for storing at least data of a frequency range to which said display unit is operable;

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

a communication permission means for permitting communication between said computer, at least with respect to said data of a frequency range stored in said memory means, when said first and second identification information match as

a result of the comparison by said comparing means;

wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

Please cancel claim 11 without prejudice or disclaimer of the subject matter thereof.

Please amend claim 12 as follows:

12. (amended) A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

memory means for storing at least data of a frequency range for which said display unit is operable;

comparing means for comparing a first identification information which is previously stored in said display unit in advance, and a second identification information which is previously stored in said computer and is sent from said computer; and

a communication prohibition means for prohibiting communication between said computer, at least with respect to said data of a frequency range stored in said memory means, when said first and second identification information do not match as a result of the comparison by said comparing means;

wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

Please cancel claim 17 without prejudice or disclaimer of the subject matter thereof.

Please cancel claims 27-35 without prejudice or disclaimer of the subject matter thereof.

Please add the following new claims:

--36. A display unit for displaying an image based on an image signal inputted from an externally connected computer, comprising:

a processor adapted to control display of the display unit;

a memory which stores an identification number; and

a communication controller which sends the identification number stored in said memory to said computer;

wherein said communication controller enables bi-directional communication between said display and said computer.

37. A display unit according to claim 36, further comprising a deflection circuit, wherein the processor generates control signals for the deflection circuit.

38. A display unit for displaying an image based on an image signal inputted from an externally connected computer, comprising:

a processor adapted to control display of the display unit;

a memory which stores identification information; and
a communication controller which sends the identification information stored in said memory to said computer in response to power on of at least one of said display unit and said computer;

wherein said communication controller enables bi-directional communication between said display and said computer.

39. A display unit according to claim 38, further comprising a deflection circuit, wherein the processor generates control signals for the deflection circuit.--

IN THE ABSTRACT OF THE DISCLOSURE:

Please amend the abstract as follows:

ABSTRACT OF THE DISCLOSURE

A display unit having a communication control circuit for communicating with an externally connected computer[, wherein the] and which enables bi-directional communication with the display unit and the computer. The communication control circuit includes a comparator for comparing first identification information which is previously stored in said display unit and second identification information which is previously stored in the computer and is sent from the computer. The communication control circuit further includes at least one of a communication prohibitor for prohibiting communication between the computer with respect to display control of the display unit, when the first and second

identification information do not match as a result of the comparison by the comparator or communication permitter for enabling communication for display control as a result of a match.